YNK-DBK No. 81
1st and final bill 31.07.15

SBR no. 41/15-16
31-3-15

Original/Duplicate/Triplicate

P.W.G. NO

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division: Yelahanka | Sub division: Yelahanka New Town | Date

Bills received No | Date | Sub-divisional / Divisional | Cash book vr No | Date

Scheduled Docket No | Head of account

Name of work(as per sanctioned estimate) :-

NAME OF WORK :Reconstruction of Anganawadi building in 3rd phase in ward no 04

Work code:004-15-000042

Name of contractor and full address :- N Lokanathareddy

Reference to agreement No :- 158 | Estimated cost :15.00 | W.O.No:168 dt:21/04/2015

Certified that the measurments were taken by me on 31/3/15 and recorded on pages 602 to 635 of measurment book No 2114 and the work is satisfactorily executed by the contractor.

N Lokanathareddy
Signature of contractor

Assistant Engineer

Certified that the measurments were taken by me on 31/7/15 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub divisional officer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜ.ಜ.ಪಾ.ಕ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	
2) Deduct amount to be held in reserve being-----percent Rs----------%	
3) Balance---	
4) Deduct payments	
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount	Bill Amount 13,57,397-00
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	
Total	
5) Balance being unpaid value of work done held in reserve	
6) Deduct cash of advance made on divisional/sub divisional cash book	
7) Net amount due to or from contractor.	Total Bill Amt 13,57,397-00
UN ADJUSTED ITEMS	
8) Advance to contractor for materials to site(as detailed within)	Cheque 13,57,196-00
9) Value of government materials supplied.	
TOTAL AMOUNT UN-ADJUSTED	Bill Amount 13,57,397-00

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)
Witness
1)
2)

Reciept Stamp

Audited & Admitted For Rs. 13,57,397/-
By Ch Rs: 13,57,196/- (In Words).....
.....And by Adjustment
For Rs. 201/-

Dated signature of contractor
paid by me cheque No dated

Cash Rs

Date | Initials of officer making payment

Account Supdent
Date

Exe Engineer
B.B.M.P. Bangalore
Executive Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Dismantling size stone masonry in cement mortor and stacking the size stone within a radious of 50 m and removing the debris to a distance upto 200 m etc.,m as per specification	Cum			18.97	163.00	3092.00	18.97	3092.00
2	Dismantling size stone masonry in cement mortar/clay motor and stacking the size stone within a radious of 50 m and removing the debris to a distance upto 200 m etc.,m as per specification	Cum			27.06	148.00	4005.00	27.06	4005.00
3		Cum			20.70	150.00	3105.00	20.70	3105.00
4	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications, specification.	Cum			76.46	271.00	20721.00	76.46	20721.00
5	KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM	Cum			5.72	3012.00	17229.00	5.72	17229.00

6	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost	Cum				18.44 18.35	4971.00	91665.00 91217.85	18.44 18.35	91665.00 91217.85
7	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing					21.97 21.88	3934.00	86430.00 86075.92	21.97 21.88	86430.00 86075.92
8	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications VBS 5.1.17	Qd				5.78	4658.00	26923.00 26923.24	5.78	26923.00 26923.24
9	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per	Sqm				10.40	95.00	988.00	10.40	988.00

10	KSRB 4-1.6 : Providing and [illegible] in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification	Cum			10.18	5464.00	55624.00	10.18	55624.00
11	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications specification	Cum			76.46	121.00	9252.00	76.46	9252.00
12	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window	Cum			27.64	6220.00	171921.00	27.64	171921.00

13	KSRB 4.9.2 : Providing T/S.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of	Cum			27.41	8106.00	222240.00	27.41	222240.00
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification	Sqm			15.84	242.00	3833.00	15.84	3833.00
15	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/1.4.32	Sqm			66.00	374.00	24684.00	66.00	24684.00
16	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification	Sqm			77.64	266.00	20652.00	77.64	20652.00

17	KSRB 4-6.2: Providing and [illegible]ving centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.29 PW, P.& IWTD -	Sqm			69.63	587.00	40873.00	69.63	40873.00
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as [illegible] specifications	Sqm			3.92	469.00	1838.00	3.92	1838.00
19	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.37	Sqm			3.92	276.00	1082.00	3.92	1082.00
20	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as	Sqm			149.30	1019.00	152137.00	149.30	152137.00
21	Providing and fixing RCC slabs 5 cems thick for wall shelves with 12mm and down size jelly cement concrete 1:1 1/2:3 incldluing CM 1:3 plaster finishing curing etc., complete (excluding the cost of steel, fabrication and plastering charges)	Sqm			56.93	570.00	32450.00	56.93	32450.00

22	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete	kgs			235.20	103.00	24226.00	235.20	24226.00
23	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per				0.55	110720.00	60896.00	0.55	60896.00
24	KSRB 9.5-2 : Providing and fixing in position fully panelled **Honne wood** shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No	Sqm			11.97	4842.00	57959.00	11.97	57959.00
25	KSRB 9-16.2 : Providing and fixing in position Honne wood fully panelled shutters for windows with styles and rails of 35mm. thick, 75mm wide in two halves with panels of 25mm thick including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures)	Sqm			4.32	5105.00	22054.00	4.32	22054.00

26	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19 x19x3 mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and revetted into the frames				0.54	3447.00	1861.00	0.54	1861.00
27	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as	nos			6.00	1065.00	6390.00	6.00	6390.00

32	KSRB15-3.10 : Providing 20 mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm			199.60	260.00	51896.00	199.60	51896.00
33	Providing and laying flooring using prepolished water / cut gasing saw 19 mm thick using grey laid over existing floor in CM 1:4 at 20 mm thick (average) and pointed with while / grey pigment etc...	Sqm			46.46	2767.00	128555.00	46.46	128555.00
34	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth. cost of materials, labour, complete as per specifications	Sqm			223.80	63.60	14234.00	223.80	14234.00
35	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm			199.60	79.50	15868.00	199.60	15868.00

36	KSRB 15-17.6 : Providing and [illegible]ing painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm			37.87	82.68	3131.00 3131.09	37.87	3131.00 3131.09
37	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications.	mtr			12.00	418.70	5024.00 5024.40	12.00	5024.00 5024.40
38	KSRB 14.14-2: Providing colour glazed tiles all sizes 10mm thick for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.15.2	Sqm			17.01	850.00	14459.00 14458.62	17.01	14459.00 14458.50
39	Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete. do- using gray granite Page No. 115/ Item No. 14.47.1 / PWD SR 2013-14	Sqm			2.34	1100.00	2574.00	2.34	2574.00

40	Providing and fixing to wall, ceiling and floor design density polythelene pipes 6.00 kg/sq.sq.cm working pressure 110 mm outside diameter with special flange compression type fittings, wall clips making good the wall ceiling and floor including cost of all materials labour charge s	mtr			20.00	610.00	12200.00	20.00	12200.00
41	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	each			2.00	250.00	500.00	2.00	500.00
42	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 67 Item No. 12.2)	each			2.00	3600.00	7200.00	2.00	7200.00
43	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity)	nos			1.00	8900.00	8900.00	1.00	8900.00

44	KSRB13-1.3 : Providing and [illegible] to wall, to wall, ceiling and floor galvanised / mild steel tube 25mm dia nominal bore with fittings (medium grade weight 2.51kg/ mtr) charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.8	mtr			15.00	325.00	4875.00	15.00	4875.00
45	KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements. stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.	Sqm			6.64 6.54	4600.00	30544.00 31,464.00	6.64 6.54	30544.00 31,464.00
46	Providing and fixing 2 HP pump motor	nos			1.00	10000.00	10000.00	1.00	10000.00
47	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical-SR 2013-14)								
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch				2.00	180.00	360.00	2.00	360.00

	c) Long point above 6Mtr 10Mtr from tapping point to out let via switch				1.00	380.00	380.00	1.00	380.00
48	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical -SR 2013-14)	each			4.00	100.00	400.00	4.00	400.00
49	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2013-14)	each							
	4"x4"x3"				2.00	88.00	176.00	2.00	176.00
	12"x12"x12"				1.00	98.00	98.00	1.00	98.00
	10"x7"x3"				2.00	80.00	160.00	2.00	160.00
50	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws.., (P.10/I.22) Electrical SR - -SR 2013-14)	s.cm			60.00	0.30	18.00	60.00	18.00
51	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical-SR 2013-14)	rmtr			60.00	20.00	1200.00	60.00	1200.00

52	Supplying, fixing, wiring, [illegible] electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc. the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical -SR 2013-14)	each			1.00	3000.00	3000.00	1.00	3000.00
53	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical -SR 2013-14)	each			2.00	60.00	120.00	2.00	120.00
54	Supplying 20mm dia 2mm thick heavy guage PVC canduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2013-14)	each			80.00	40.00	3200.00	80.00	3200.00

55	Supplying and fixing PBBC b[illegible]r/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a)	nos			4.00	70.00	280.00	4.00	280.00
56	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired.for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluoreeent tube A Group (P.16/I.2a) Electrical -SR 2013-14)	nos			4.00	450.00	1800.00	4.00	1800.00
57	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single cure cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20lb) Electrical -SR 2013-14)	rmtr			55.00	20.00	1100.00	55.00	1100.00
58	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.31c) Electrical -SR 2013-14)	rmtr			12.00	230.00	2760.00	12.00	2760.00
59	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required	nos			4.00	380.00	1520.00	4.00	1520.00

60	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/1.23IIa) Electrical -SR	nos			4.00	1950.00	7800.00	4.00	7800.00
61	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/1.8) Electrical -SR 2013-14)	nos			4.00	120.00	480.00	4.00	480.00
62	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/1.12b) Electrical-SR	nos			4.00	700.00	2800.00	4.00	2800.00
63	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/1.6b) Electrical -SR 2013-14)	rmtr			6.00	60.00	360.00	6.00	360.00
	TOTAL						1561122.00		1561122.00

Ward no:04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division